

Claims

1. Signal processing unit, in particular for a telecommunication system, comprising means for digital signal processing, means for storage of data and control means, **characterized in that** the means for digital signal processing and the control means are connected to each other by means of serial time multiplex connections.
- 10 2. Signal processing unit according to Claim 1, **characterized in that** the serial time multiplex connections are implemented as a PCM 30 system.
- 15 3. Signal processing unit according to one of Claims 1 or 2, **characterized in that** digital signal processors and/or echo suppression means are provided for digital signal processing.
- 20 4. Signal processing unit according to one of Claims 1 to 3, **characterized in that** the signal processing unit is implemented as a separate module.
- 25 5. Signal processing unit according to Claim 4, **characterized in that** the signal processing unit is implemented as a separate module of an exchange of a digital switching system.